'd Final Bill

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

YNK-DBR No. 185
Date 28.01.2021

Head of Account:
Job Number :

A.E.E/M.N.....
S.B.R. No: 57/20-21
DATE: 20-1-2021

Division EE Yelahanka Div Sub division AEE Yelahanka Div
Bill Received No. .....Date..... Cash Book Voucher No ..... dated .....
Scheduled Docted No.

Name of Work (as per sanctioned estimate): Improvements to Roads,Drains and other developmental works in Kempegowda ward No.01 under SWMhead in Chief Minister Nava Nagarothan grants of Yelahanka division, (Package-06)

001-20-000019 P-3747

Name of Contractor and Full Address: **Sri.Yogesh M/s Nandi Constructions**

Reference to Work order No. BBMP/EE/YNK.D/EPMT-12/W.O/ 09 /2020-21 Dated 08/05/2020

Certified that the measurement were taken by me on 20-01-21 and recorded of pages 369125 to 369147 of measurement Book No. 3692 and that the work is satisfactorily executed

For M/s. NANDI CONSTRUCTION
Contractor

Officer-In-Charge of work

Certified that the measurements were taken by me on 20/01/2021 and are found correct and the work is satisfactorily executed

Partners

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs .....
3) Deduct amount to be held in Balance
4) Deduct Payments:
   a) Amount of previous payment as in the office Cash Book Voucher No.....Dated .....S D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Voucher No ..... dated ..... less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) with
   Value of Government materials supplied

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Gross Amt = Rs 9879222/-
CBR = Rs 4939613/-
SC = Rs 882074/-
ST = Rs 882074/-
IT = Rs 197584/-
LC = Rs 98792/-
CBF = Rs 98792/-
Royalty = Rs 91563/-
L.D. = Rs 106819/-
Net Amt = Rs 8811031/-

Received Rs.
.....
by cash and by adjustment of Payment as per memorandum.

For M/s. NANDI CONSTRUCTION
Contractor's Signature

Witnesses:
1
2

For M/s. NANDI CONSTRUCTION
Stamp

Dated..... Signature of Contractor

Partners

Paid by me by cheque No..... dated.....
Cast Rs..... dated.....

Initials of Officer making payment

Audited & Admitted for Rs. 9879222/-
(For use in the Office)
8811031/-
and Rs. 1068195/- by Cheque / by adjustment

Accts Supdt.
yelahanka Division
BBMP

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA DIVISION

Name of Work: Improvements to Roads,Drains and other developmental works in Kempegowda ward No.01 under SWM head in Chief Minister Nava Nagarothan grants of Yelahanka division, (Package-06).

1.Construction of RCC Drain at Srinivasapura Main and cross roads in Ward no -01

2.Desk Supply For Students At Govt Schools And Collages Comes Under Yelahanka BBMP Limits Ward No 1

3.Improvements To Roads And Drains At Maruthinagara Yellamma Temple and Surrounding Areas in kempegowda ward no - 01

4.Improvements to balance road surabhi layout and burial ground road and surroundings areas kempegowda ward no - 01 of yelahanka subdivision

5.Improvements to balance road and drain kendappa garden and Surrounding areas in kempegowda ward no - 01 of Yelahanka Subdivision 9

6.Improvements to balance road and drain vikasa layout Kempegowda ward no - 01 of Yelahanka Subdivision in t and surrounding areas. 101

7.Asphalting to roads at vinayaka nagara main road (from NH-7 road to ward boarder in kempegowda ward no - 01 of yelahanka Sub Division

Job Code : 001-20-000019

Work Order No. BBMP/EE/Ynk D /EPMT-12/ WO / / 2019-20.

Aggrement No. BBMP/EE/Ynk D / E-PMT-12/AG/02/2020-21

Contractor- Sri. Yogesh M/S Nandi Constructions

1st and Final Bill

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
1	Desk Supply for students at Govt Schools and Colleges comes under yelahanka BBMP limits ward NO-1 5 seater student duel desk	No	500.00	17640.00	8820000.00	500.00	88,20,000.00	500.00	8820000.00	
2	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No 301	cum	4615.46							
	Up to 125%	cum	2888.96	131.87	380965.71	2888.96	3,80,965.71	2888.96	380965.71	
	Above 125%	cum	1726.50	131.87	227670.85	1724.95	2,27,466.40	1724.95	227466.40	
3	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, culverts, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. No. KBS 2.1 (a) 1 2 3 5 page no 6	cum	5401.58	419.02	2263388.12	5401.06	22,63,171.48	5401.06	2263171.48	
4	Removing &refixing stone slab of drain	sqm	2041.20	116.87	238544.84	2039.13	2,38,302.93	2039.13	238302.93	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remar
						Quantity	Amount	Qty	Amount	
5	KSRB M300-19 Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specification no 301 pag no 147 It no 19.62	cum	690.60	37.84	26133.69	690.29	26,122.11	690.29	26122.11	
6	KSRB 4-1.7 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No.13 Item No.4.7	cum	738.23	5908.92	4362110.25	738.15	43,61,658.22	738.15	4361658.22	
7	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. Page No.270. Item No.37.59.1	cum	1762.41	7637.41	13460217.80	1762.37	1,34,59,942.85	1762.37	13459942.85	
8	KSRRB M 2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. MORTH Specification No 1600 & 2200 TMT Bars Fe 500 Page No 229 I. No 28.8.2 SR 18-19	Tonne	108.38	75943.33	8230873.18	108.35	82,28,352.06	108.35	8228352.06	
9	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of chinery,loading ,unloading ,lead and lift, transportation etc ,complete. (Data Rate)	Sqm	5394.78	2453.85	13237980.90	5394.78	1,32,37,980.90	5394.78	13237980.90	
10	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)	Sqm	177.84	5688.90	1011713.98	177.84	10,11,713.98	177.84	1011713.98	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
11	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. Page No.27. Item No.5.30	Nos	3583.00	454.10	1627054.63	3583.00	16,27,054.63	3583.00	1627054.63	
12	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Page No.810 Item No.24.1	sqm	5064.20	89.04	50226.37	562.47	50,170.92	562.47	50170.92	
13	KSRRB M600-1. Construction of dry lean cement concrete mix (CC 1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal course aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601 of MORTH V Revision and IS 456 Table-5 22.1.1 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor Page No.174. Item No.22.1.1	Cum	1134.71	3990.11	4527622.02	1134.71	45,27,608.55	1134.71	4527608.55	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
14	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to 18.383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials,	Cum	1134.71	5471.51	6208588.52	1134.71	62,08,570.06	1134.71	6208570.06	
15	KSRRB M300-53. Constuction of embankment with approved material Gravel/ Murrum with all lifts and leads, trasporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specfications, including cost of gravel/ murrum, watering charges & compaction by vibraatory roller to 95% of modified proctors desnsity. MORTH Specfications No.305 Page No- 147. I. No- 19.60	cum	790.25					0.00	0.00	
	Up to 125%	cum	753.75	361.73	272650.22	753.75	2,72,650.22	753.75	272650.22	
	Above 125%	cum	36.50	361.73	13201.15	33.32	12,053.22	33.32	12053.22	
16	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method byrotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. Page No.153. Item No.20.6	cum	1794.74	1947.75						
	Up to 125%	cum	1119.49	1947.75	2180486.65	1119.49	21,80,486.65	1119.49	2180486.65	
	Above 125%	cum	675.25	1947.75	1315208.45	674.16	13,13,085.89	674.16	1313085.89	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
17	KSRRB M600-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications MORTH Specification No 406 Page No. 155. Item No 20.18	cum	1884.68	2101.34				0.00	0.00	
	Up to 125%	cum	1119.49	2101.34	2352433.59	1119.49	2352433.59	1119.49	2352433.59	
	Above 125%	cum	765.19	2101.34	1607916.91	764.10	1605626.97	764.10	1605626.97	
18	KSRRB M500-6. Providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)	sqm	11964.90							
	Up to 125%	sqm	4638.2	27.46	127377.66	4638.21	127377.66	4638.21	127377.66	
	Above 125%	sqm	7326.69	27.46	201161.16	7326.69	201161.16	7326.69	201161.16	
19	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501 Page No 158 Item No 21.2	Sqm	1430.50	5.57	7968.72	1260.28	7570.49	1260.28	7570.49	
20	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. MORTH Specification No. 507. Using 100/120 TPH capacity HMP with sensor paver Gr-II (50 mm to 75mm) with 4.5% VG-30 Bitumen. Page No 160. Item No 21.17.2	Cum	662.57							
	Up to 125%	Cum	314.73	8001.36	2518267.09	314.73	2518267.09	314.73	2518267.09	
	Above 125%	Cum	347.84	7128.77	2479669.62	347.84	2478926.44	347.84	2478926.44	

	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
					Quantity	Amount	Qty	Amount	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remar...
						Quantity	Amount	Qty	Amount	
21	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 0.25 kg per sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 Page No.158. Item No.21.7	Sqm	26646.80							
	Up to 125%	Sqm	8550.00	13.36	114193.80	8550.00	1,14,193.80	8550.00	114193.80	
	Above 125%	Sqm	18096.80	13.36	241700.86	18064.70	2,41,272.07	18064.70	241272.07	
22	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP- 53-2015 do- using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4% of modified bituminous binder consisting of 4.97% ofVG-30 bitumen (60/70 grade} and 0.43% of plastomeric thermoplastics (waste plastic) Page No. 171. Item No.21.78.12	Cum	535.82							
	Up to 125%	Cum	342.00	9134.39	3123961.72	342.00	31,23,961.72	342.00	3123961.72	
	Above 125%	Cum	193.82	8141.60	1577971.38	193.74	15,77,352.62	193.74	1577352.62	
23	Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing Page No.180. Item No.24.2	Nos	0.00	144.69	0.00		0.00	0.00	0.00	Item Not Operated
24	KSRRB M800-4. Direction and Place Identification Signs / Project information Board with size more than 0.9 sqm Size Board.- Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of high intensity grade sheeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 sqm supported on a mild steel single angle iron post 75 x 75 x 6 mm , 2 Nos. firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing. Page No.180. Item No.24.4	Nos	21.00	7945.71	166859.85	21.00	1,66,859.85	21.00	166859.85	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
25	KSRRB M800-13. Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface : Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 Page No.182. Item No.24.15	Sqm	666.90	477.48	318429.41	659.76	3,15,020.23	659.76	315020.23	
26	for Rain water harvesting work including 40mm jelly, 20mm jelly coarse sand, fine sand, 12.50 mm chips as per data rates	Nos	0.00	21926.10	0.00		0.00	0.00	0.00	Item Not Operated
27	KSRRB M2100-1.1 Earth Work excavation in all kinds of soils for foundation of structures as per drawing and technical specification, inculding setting out, providing shoring and bracing,removal of stumps and other deleterious matter, dressing of sides and bottom and filling complete as per specification. Morth specification No.304 (KSRRB M2100-1.1-do- i) 0m to 3 m depth by manual means (Pg No.220 INo.27.1)	cum	46.61	217.04	10115.31	46.60	10,113.45	46.60	10113.45	
28	KSRRB M2100-10 Providing and laying plain cement concrete of mix 1:3:6 with OPC @ 220kgs,with crushed 40mm and down size graded granite metal coarse aggregates @ 0.89cum and fine aggregates @0.46cum, in foundation mechanically mixed , Placed in foundation and compacted by vibration inculding curing for 14 days inculding of all metarials , labour, HOM curing,form works, Scaffolding and centering complete as per specifications. MORTH Specifications No.2100 (Pg.222 INo.27.18)	cum	7.74							
	Up to 125%	cum	6.56	5693.00	37346.05	6.56	37,346.05	6.56	37346.05	
	Above 125%	cum	1.18	5693.00	6718.87	1.18	6,709.19	1.18	6709.19	
29	KSRRB M2100-7 Back filling the Marshy Foundations pits of abutment wing walls and returns using approved material with ramming and wtaering with all lead and lifts, cost of labour,HOM etc , complete as per specification and direction of the Engineer of the work" MORTH specification No.304 (PG 221 INo. 27.15)	cum	10.01							
	Up to 125%	cum	6.13	388.44	2381.12	6.13	2,381.12	6.13	2381.12	
	Above 125%	cum	3.88	388.44	1507.14	3.88	1,507.14	3.88	1507.14	
30	KSRRB M2200-9 Providing and laying of filter media with granular materials / stone crushed aggregates satisying the requirements laid down in clause 2504.2.2 of MORTH specifications to thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition materials, labour , HOM complete as per specifications MORTH Specification No. 2504.2.2	cum	4.29	2327.28	9984.04	4.29	9,984.04	4.29	9984.04	

	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
							0.00	0.00	0.00	Item Not Operated

Final Bill

specifications. MORTH Spectication No. 2504,2,2

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
31	KSRRB M2100-10.Providing and laying plain cement concrete of mix 1:3:6 with OPC @ 220kgs,with crushed 40mm and down size graded granite metal coarse aggregates @ 0.89cum and fine aggregates @0.46cum, in foundation mechanically mixed , Placed in foundation and compacted by vibrastion inculding curing for 14 days inculding of all metarials , labour, HOM curring,form works, Scaffolding and centering complete as per specifications. MORTH Specifications No.2100 (Pg.222 INo.27.18)	cum	0.00	5693.00	0.00		0.00	0.00	0.00	Item Not Operated
32	KSRRB M2100-19.2 Providing and laying Plain/ Reinforced cement Concrete in open Foundation with OPC design mix M30 @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46cum, with superplastizer @ 3 lts confirming to IS9103-1999 reaffirmed-2008 complete as per Drwaing ans Techinxal Specifications inculding cost of all materials, labour, HOM curing, from works, scaffolding and centering as per specifications. MORTH Specification No. 1500, 1700 & 2100 (Pgno.223 INO.27.35)	cum	22.14	5658.49	125290.33	22.14	1,25,273.35	22.14	125273.35	
33	KSRRB M2100-19.2 Providing and laying Plain/ Reinforced cement Concrete in open Foundation with OPC design mix M30 @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.46cum, with superplastizer @ 3 lts confirming to IS9103-1999 reaffirmed-2008 complete as per Drwaing ans Techinxal Specifications inculding cost of all materials, labour, HOM curing, from works, scaffolding and centering as per specifications. MORTH Specification No. 1500, 1700 & 2100 (Pgno.223 INO.27.35)	cum	26.53							
	Up to 125%	cum	14.30	5658.49	80916.44	14.30	80,916.44	14.30	80916.44	
	Above 125%	cum	12.23	5658.49	69209.30	12.03	68,064.59	12.03	68064.59	
34	KSRB 4.9.2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and I or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (PGNo.229 INO.28.8)	Tonne	10.78							
	Up to 125%	Tonne	1.03	75943.33	78221.63	1.03	78,221.63	1.03	78221.63	
	Above 125%	Tonne	9.75	75943.33	740622.58	9.75	7,40,269.31	9.75	740269.31	

Final Bill

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
35	KSRRB M2106-19.2. Providing and laying Plain/ Reinforced cement Concrete in open Foundation with OPC design mix M30 @ 360kgs, with 20mm and down size graded granite metal course aggregates @ 0.69cum and fine aggregates @ 0.46cum, with superplastizer @ 3 lts confirming to IS9103-1999 reaffirmed-2008 complete as per Drwaing ans Technical Specifications incalding cost of all materials, labour, HOM curing, form works, scaffolding and centering as per specifications. MORTH Specification No. 1500, 1700 & 2100 (Pgno/223 INO/27.35)	cum	4.62	5658.49	26115.92	4.62	26,115.94	4.62	26115.94	
36	KSRRB M2200-8. Providing weep holes in brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100mm dia AC pipe, extending through the full width of the structure with slope of 1V: 20H towards drawing force.Complete as per drawing and tecgnical specifications including cost of materials, labour,HOM complete as per specifications. MORTH specification No.2706 & 2200 (Pg No.229 INo.28.10)	Rmtr	22.00	345.63	2599.44	22.00	2,599.44	22.00	2599.44	
37	KSRRB M2700-6. PCC M15 Grade levelling course below approach slab complete as per drawing and technical specification complete as per specification MORTH Specification No. 2700 (Pg. No.247 Ino.32.6)	cum	4.22							
	Up to 125%	cum	4.10	6034.69	24742.21	4.10	24,742.21	4.10	24742.21	
	Above 125%	cum	0.12	6034.69	715.11	0.12	715.11	0.12	715.11	
38	KSRRB M2700-6. PCC M30 Reinforced cement concrete M30 approach slab including reinforcement @ 70 Kg/cum and formwork complete as per drawing and technical specification including cost of materials , labour,HOM complete as per specifications. MORTH Specification (No 1500, 1600, 1700 & 2704) (Pg No.247 Ino.32.7)	cum	237.67							
	Up to 125%	cum	12.86	11086.93	142573.59	12.86	1,42,573.59	12.86	142573.59	
	Above 125%	cum	25.11	11086.93	278445.55	25.11	2,78,445.55	25.11	278445.55	
39	KSRRB M2300-9.1. Providing and placing Reinforced / Prestressed cement concrete in super- structure as per drawing and technical specification complete as per specifications. PSC with OPC design mix M40 @ 420kgs, with 20mm and down size graded granite metal course aggregates @ 0.67 cum and fine aggregates @ 0.44 cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 including cost of materials,labour,HOM , curing,form works, scaffolding and centering complete as per specifications. MORTH Specification No. 1500,1600 & 1700 (pgNo. 235 INo.29.19) Height upto 5 m	cum	3.21	8274.04	26584.50	3.21	26,584.50	3.21	26584.50	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
40	KSRRB M2500-4.1. Providing and laying stones of size 0.3x0.3x0.3 m on slopes laid over prepared filter media inculding boulder apron laid dry in front of toe of embankment complete as per drwaing and technical specifications Inculding cost of materials,labour,HOM complete as per specifications.A. Stone / Boulder MORTH Specification No.2504(Pgno.241 INo. 30.5)	cum	0.00	1795.27	0.00		0.00	0.00	0.00	Item Not Operated
41	KSRRb M800-6. Painting two coats on New concrete Surface: Painting two coats after filling the surface with synthetic enamel paint in all shades on new plasterred concrete surfaces complete as per Specifications. MORTH Specfication no.803 (PGNo.181 INO. 24.7)	sqm	3.21	91.27	293.24	3.21	293.24	3.21	293.24	
42	Samudaya Bhavan Part-B KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (P5/2.1)	Cum	13.84	282.37	3907.24	13.84	3,907.24	13.84	3907.24	
43	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 (P.5/2.4 PWD SR - 2018-19).	Cum	63.71							
	Up to 125%	Cum	60.30	339.07	20445.68	60.30	20,445.68	60.30	20445.68	
	Above 125%	Cum	3.41	339.07	1157.46	3.41	1,157.46	3.41	1157.46	
44	KSRB 2.8: Providing and Filling in foundation with granite / trap broken metal 100mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications. (P6/2.15)	Cum	8.27							
	Up to 125%	Cum	5.63	2754.49	15507.76	5.63	15,507.76	5.63	15507.76	
	Above 125%	Cum	2.64	2754.49	7262.18	2.64	7,262.18	2.64	7262.18	
45	KSRRB 2900-4.1. Providing and laying in position plain cement concrete mix 1:4:8 with stone aggregate 40mm and down size in foundation upto a depth of 2m below ground level and upto a height of 1.5m above ground level / bed level machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, cost of all materials, labour, HOM of machineries, curing complete as per specifications. (P.12/4.3)	Cum	24.55	5785.67	142065.34	24.55	1,42,065.34	24.55	142065.34	

Attendance Register

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
46	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 (P.22/5.6)	Cum	13.54	5211.86	70579.06	13.54	70,579.06	13.54	70579.06	
47	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P.22/5.9)	Cum	4.39	6625.96	29061.47	4.39	29,061.47	4.39	29061.47	
48	KSRB 4-1.5: Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceedding 15cms. Thick well compacted in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification.(P13/4.6)	Cum	1.10	6148.55	6741.88	1.10	6,741.88	1.10	6741.88	
49	KSRB 15.1.1 Providing flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.115/1.15.1)	Sqm	21.69	163.30	3541.89	21.69	3,541.89	21.69	3541.89	
50	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P 7/2.10 PWD SR - 2018-19)	Cum	8.02	227.93	1828.49	8.02	1,828.49	8.02	1828.49	
51	KSRB 2.6: Prividing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications. (P7/2.13)	Cum	6.02	2336.04	14054.78	6.02	14,054.78	6.02	14054.78	
52	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of materials, labour complete as per specifications. (P15/4.28)	Sqm	39.04	292.57	11422.01	39.04	11,422.01	39.04	11422.01	
53	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P15/4.32)	Sqm	38.40	353.81	13586.23	38.40	13,586.23	38.40	13586.23	
54	B) First Floor - Columns	sqm	62.40	357.21	22289.90	62.40	22,289.90	62.40	22289.90	
55	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specifications (P15/4.36)	Sqm	23.85	856.17	20419.65	23.85	20,419.65	23.85	20419.65	

						Present Measurements		Total claimed up to this bill		Remarks
							Amount	Qty	Amount	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remar
						Quantity	Amount	Qty	Amount	
56	KSRB 4-6.7: Providing and removing centerign, shuttering strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of materials, labour complete as per specifications.(P15/4.34)	sqm	41 99	331 13	13902.41	41 99	13,902.41	41 99	13902.41	
57	B) First Floor - Columns	sqm	41 99	334 53	14045 24	41 99	14,045 24	41 99	14045 24	
58	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P 15/1.4.37)	Sqm	11 71	366.28	4288.25	11 71	4,288.25	11.71	4288.25	
59	B) First Floor - Columns	sqm	11 12	369 68	4109 96	11 12	4,109 96	11 12	4109 96	
60	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.14/1.4.29)	Sqm	50 36	498 96	25125 13	50 36	25,125 13	50 36	25125 13	
61	B) First Floor - Columns	sqm	76 01	502 36	38182 02	76 01	38,182 02	76 01	38182 02	
62	KSRB 4.2.8 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintels, columns, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/1.4.13)	Cum	37 44	6681 53	250128 01	37 44	2,50,128 01	37 44	250128 01	
63	B) First Floor - Columns	cum	24 83	6738 23	167288 30	24 83	1,67,288 30	24 83	167288 30	
64	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 (M20) with 12mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P 13/4.19 PWD SR - 2018-19).	Sqm	1 15	498 96	575 92	1 15	575 92	1 15	575 92	
65	B) First Floor	cum	0 83	502 36	419 35	0 83	419 35	0 83	419 35	
66	Providing and fabricating TMT Steel reinforcement bars including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tieing with binding wire, anchoring to the adjoining members wherever necessary, as per designs (laps, hooks and wastages shall not be measured and paid) including cost of all materials, labour, HOM of machineries complete as per specifications. (P16\4.46)	Tonne	7 71	80509 46	620742 46	7 69	6,19,419 89	7 69	619419 89	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
67	Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5m. Or part there of cost of labour,complete as per specifications.	Tonne	7.71	848.23	6540.02	7.69	6,526.09	7.69	6526.09	
68	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P24/5.27)	Cum	139.27	1034.21	144031.05	139.27	1,44,031.05	139.27	144031.05	
69	Providing and laying flooring for corridors/lobblies using combination of pre polise 19mm thick water cut/gang saw Grey Granite, Black Granite, and strips of 50mm wide pre flamed grey granite using pre polised grey granite 19mm thick 76 % Pre ploised black granite 19mm theik @ 2% and preflamed 19mm thick grey granite @ 22 % over exixting cement/ colour pigment etc., including cost of all materials, mortar, labour, curing etc., complete as per specification.14.48.1 using 19mm granite width not less than 1200 mm Page No-114 I.no-14.48	Sqm	101.86	2972.21	302747.95	101.86	3,02,742.01	101.86	302742.01	
		sqm	64.94	2973.92	193111.17	64.94	1,93,111.17	64.94	193111.17	
70	B) First Floor									
71	KSRB 9.11: Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps) but including cost of materials, labour, HOM of machineries complete as per specifications. Specifications No, KSRB 9.4-2(page No. 53/Item No. 9.10)	Cum	1.07	99342.94	106082.36	1.07	1,06,082.36	1.07	106082.36	
72	KSRB: 9-27-1: Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embeddding holdfast in cement concrete 1:3:6 of 20mm and down size granite matal painting two coats of coal tar to sides of frame making good the damages to walls and floor as reguired and diposal of the debries with lead upto 50m including cost of materials labour charges complete as per Specifications. (Page No. 51/ Item No. 9.80) Door frames	Nos	4.00	1549.04	6196.18	4.00	6,196.18	4.00	6196.18	
		Nos	12.00	1050.08	12601.01	12.00	12,601.01	12.00	12601.01	
73	Window frames	Nos	1.00	896.99	896.99	1.00	896.99	1.00	896.99	
74	Ventilator frames									
75	KSRB 9.7.1: Providing and fixing in position fully panelled Honne wood shutters for doors styles and rails of 30mm. Thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (eccluding cost of fixtures) Specification No. KBS 9.34 (page No. 46/Item No. 9.21)	Sqm	9.77	4861.46	47472.14	9.77	47,472.14	9.77	47472.14	

		Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
							1,00,304.87	22.41	100304.87	

	46/Item No. 9.21)		9.77	4861.46	47472.14	9.77	47,472.14	9.77	47472.14	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
76	KSRB 9.21.2: Providing and fixing in position half panelled Honne wood shutters for window&ventilatorsstyles and rails of 20mm Thick with bottom and lock rails 75mm wide top rail and styles 100mm wide as per drawing and panels of 20mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (eccluding cost of fixtures) Specification No. KBS 9.34 (page No. 46/Item No. 9.64)	Sqm	22.41	4475.90	100304.87	22.41	1,00,304.87	22.41	100304.87	
77	KSRB 7.9: Providing and fixing M.S. Grill work for windows and ventilators weighing 21 kg/sqm using M.S Flats or M.S. Square roads, or combination of M.S. flats and quare roads as per approved design drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 p no 35 item No. 7.9	Kg	29.48	107.73	3175.72	29.48	3,175.72	29.48	3175.72	
78	KSRB 7.1: Providing and fixing in position collapsable steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stopers, handles on borht sides with 7.5cms openings at 10cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications.(P33/7.1)	Sqm	0.00	5908.14	0.00		0.00	0.00	0.00	Item Not Operated
79	KSRB 14.14.5 Providing ceramic Tiles of Approved make shade and size for flooring , treads of steps and landing laid on a bed of 12mm thick, cement mortor 1:3 mix , flush pointing with white cement using colour pigment, including cost of Materias , labour curing complete as per specification No. KBS Ceramic tiles of size 15x15cm , 6mm thick	Sqm	3.51	1274.62	4473.90	3.51	4,473.90	3.51	4473.90	
80	KSRB 14.17.1 : Providing skirting dado, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately)using glazed tiles of approved make and size including cost of materials labour, complete as per specifications. Specification No. KBS 14.16., 14.17 (Page no. 94/ Item No. 14.40	Sqm	14.50	1324.51	19205.42	14.50	19,205.42	14.50	19205.42	
81	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P. 116/15.22)	Sqm	127.03	255.15	32410.68	127.03	32,410.68	127.03	32410.68	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
82	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	sqm	195.80							
	Up to 125%	sqm	146.16	258.55	37789.96	146.16	37,789.96	146.16	37789.96	
	Above 125%	sqm	49.64	258.55	12835.19	49.64	12,835.19	49.64	12835.19	
83	KSRB15-3.5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.115/15.14)	Sqm	94.96	235.87	22398.41	94.96	22,398.41	94.96	22398.41	
84	KSRB15-3.5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	sqm	180.56	239.27	43202.88	180.56	43,202.88	180.56	43202.88	
85	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P.117/15.23)	Sqm	216.32	36.29	7849.68	216.32	7,849.68	216.32	7849.68	
86	(B) First Floor	Sqm	375.02	39.69	14884.64	375.02	14,884.64	375.02	14884.64	
87	KSRB15-3.11 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry and concrete surface including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.115/15.19)	Sqm	22.44	249.48	5722.45	22.44	5,722.45	22.84	5722.45	
88	KSRB 15-3.5 Providing 12mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P115/15.11)	Sqm	94.96	218.86	20783.14	94.96	20,783.14	94.96	20783.14	
89	(B) First Floor	sqm	180.56	222.26	40131.59	180.56	40,131.59	180.56	40131.59	
90	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia. Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P49/8.19)	Rmtr	27.20	580.61	15792.54	27.20	15,792.54	27.20	15792.54	
91	KSRB 15-14.1: Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications (P119/15.49)	Sqm	216.32	54.54	11797.23	216.32	11,797.23	216.32	11797.23	

	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
			375.02	55.65	20870.00	375.02	20,870.00	375.02	20870.00	
			65.35	55.65	3635.35	65.35	3,635.35	65.35	3635.35	

	including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.(P119/15.49)			34.54	11797.23	216.32	11,797.23	216.32	11797.23	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remar
						Quantity	Amount	Qty	Amount	
92	B) First Floor	sqm	375.02	55.65	20870.00	375.02	20,870.00	375.02	20870.00	
93	KSRB 15-13.3: Providing and applying two coats dry distemper of approved brand, and shade on wall surface including priming coat and whitening after thoroughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. (P.118/15.47.1)	Sqm	94.96	38.28	3635.35	94.96	3,635.35	94.96	3635.35	
94	B) First Floor	sqm	180.56	39.40	7113.27	180.56	7,113.27	180.56	7113.27	
95	KSRB13-1.1 : Providing and fixing to wall, ceiling and floor galvanised/mild steel tube 15 mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifictaions. Specification No. KBS 13.2.14/13.8. (P-92 & 13.1).	M	15.00	230.20	3453.03	15.00	3,453.03	15.00	3453.03	
96	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660 x 460 with a pair of 15 mm C.P. brass pillar taps with pair of elbow operated levers, C.I./M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page 83 Item No. 12.30)	Unit	2.00	5222.07	10444.14	2.00	10,444.14	2.00	10444.14	
97	KSRB 13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads, complete as per specifications. Specification No. KBS 13.2.2/13.3 (Page No. 80 & Item No. 13.23).	Each	2.00	211.47	422.94	2.00	422.94	2.00	422.94	
98	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa Pattern of size 580 x 440 mm with integral type footrest, 100mm S or P trap, 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I./M.S. brackets, 32 mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25 mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page 67 Item No. 12.2)	Pan	2.00	4790.02	9580.03	2.00	9,580.03	2.00	9580.03	
99	KSRB 11-8.1 : Providing and fixing white vitreous china clay, wall corner type, lipped front urinal basin of size 580 x 440 x 265 mm with 5 litres P.V.C. automatic flushing cistern C.I./M.S. brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page 80 Item No. 12.11)	Unit	2.00	3002.83	6005.66	2.00	6,005.66	2.00	6005.66	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
100	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer black or Blue and inner white layer of approved quality and make, conforming to I.S.I/ISO/SSI specifications.	Ltr	2000.00	6.80	13608.00	2000.00	13,608.00	2000.00	13608.00	
101	KSRB 11-15.3: Providing and fixing 453x357mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing incluidng cost of materials, labour complete as per specifications.	Unit	2.00	1288.22	2576.45	2.00	2,576.45	2.00	2576.45	
102	Applying Primer coat over new wood surface and / or wood based surface with white lead paint priming including preparing the surface afetr throughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting ready mix paint including cost of materials, labour complete as per Specifications (P No. 102 Item No.15.59 PWD SR 2018-19	Sqm	61.79	56.70	3503.55	61.79	3,503.55	61.79	3503.55	
103	Providing and Applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, clening the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (P No. 102 Item No.15.60 PWD SR 2018-19	Sqm	61.79	83.92	5185.25	61.79	5,185.25	61.79	5185.25	
104	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet. (P.4/1.8.1.C) Electrical-SR 2012-13) b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	Nos	15.00	183.75	2756.25	15.00	2,756.25	15.00	2756.25	
105	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Nos	10.00	386.40	3864.00	10.00	3,864.00	10.00	3864.00	
106	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. (P.6/1.12a) Electrical -SR 2012-13)	No	15.00	95.55	1433.25	15.00	1,433.25	15.00	1433.25	
107	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/1.6) Electrical -SR 2012-13) a) 4"x4"x3"	Each	10.00	46.20	462.00	10.00	462.00	10.00	462.00	
108	b) 12"x12"x3"	Each	6.00	102.90	617.40	6.00	617.40	6.00	617.40	
109	c) 10"x7"x3"	Each	8.00	71.40	571.20	8.00	571.20	8.00	571.20	
110	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulator etc., and fixing on existing wooden or metal box using M.E. screws. (P.10/1.22) Electrical SR. -SR 2012-13)	Sqm	99.00	0.33	33.00	99.00				

						Present Measurements		Total claimed up to this bill		Remarks
		Unit	BOQ Quantity	BOQ RATE	Amount	Quantity	Amount	Qty	Amount	
								240.00	3528.00	

110	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc., and fixing on existing wooden or metal box using N.F. screws., (P.10/1.22) Electrical SR - -SR 2012-13)	Sqm	99.00	0.23	22.87	99.00	22.87	99.00	22.87		

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
111	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/1.7a) Electrical-SR 2012-13)	Rmt	240.00	14.70	3528.00	240.00	3,528.00	240.00	3528.00	
112	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (P.68/1.2) Electrical -SR 2012-13)	Each	6.00	3150.00	18900.00	6.00	18,900.00	6.00	18900.00	
113	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc complete (P.32/1.3a) Electrical -SR 2012-13)	Each	10.00	56.70	567.00	10.00	567.00	10.00	567.00	
114	Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement roads by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/1.2a) Electrical -SR 2012-13)	Rmt	240.00	33.60	8064.00	240.00	8,064.00	240.00	8064.00	
115	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/1.12a) Electrical -SR 2012-13)	No	10.00	63.00	630.00	10.00	630.00	10.00	630.00	
116	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter, locking type brass contact holders mounted on foldable type sheet base fully wired for use on 230 volts AC supply including 1 Nos 4'-36/40 watts fluorecent tube A Group (P.16/1.2a) Electrical -SR 2012-13)	No	5.00	420.00	2100.00	5.00	2,100.00	5.00	2100.00	
117	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials (P.9/1.20Ib) Electrical -SR 2012-13)	Rmt	960.00	15.75	15120.00	960.00	15,120.00	960.00	15120.00	
118	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/1.31c) Electrical -SR 2012-13)	Rmt	30.00	232.05	6961.50	30.00	6,961.50	30.00	6961.50	
19	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/1.12Ba) Electrical -SR 2012-13)	No	5.00	388.50	1942.50	5.00	1,942.50	5.00	1942.50	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Remarks
						Quantity	Amount	Qty	Amount	
120	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Almanord, Unique ISI, Anchor, Crompton, Khaitan, Bajaj, Usha, Johnson make) (P.23/I.23IIa) Electrical -SR 2012-13)	Nos	5.00	1995.00	9975.00	5.00	9,975.00	5.00	9975.00	
121	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely (P.29/I.8) Electrical -SR 2012-13)	Nos	5.00	110.25	551.25	0.00	0.00	0.00	0.00	
122	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluoroscent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. (P.28/I.12b) Electrical-SR 2012-13)	Nos	12.00	719.25	8631.00	12.00	8,631.00	12.00	8631.00	
123	Digging of trench of 0.6m deep x 0.50mtr wide refiling the trench to the required ground level and consolidating etc., complete. In Hard Soil (P.70/I.6b) Electrical -SR 2012-13)	Rmt	40.00	52.50	2100.00	40.00	2,100.00	40.00	2100.00	
EIRL -1	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps or Staircase are made out of stainless steel hallow pipes, using 50mm dia for verticals @1.60 mtr c/c are fixed to the ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes are fixed horizontally for 2-rows top, one pipes are fixed with vertical pipes another one are fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work. Ramps or Staircase for physically challenged. (P. No. 43 / I. No. 7.39 of CSR 2015-16)	Sqm	42.08	6098.65	256600.78	42.08	2,56,600.78	42.08	256600.78	

BOQ NO	Description of item	Unit	BOQ Quantity	BOQ RATE	Amount	Present Measurements		Total claimed up to this bill		Rema
						Quantity	Amount	Qty	Amount	
EIRL -2	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12. (P.No. 34, I.No. 7.9 of PWD SR 2018-19)	Kg	411.50	105.74	43509.95	411.50	43,509.95	411.50	43509.95	
				Total	8,82,26,197.35		8,82,07,386.21		8,82,07,386.21	
				12% GST	1,05,87,143.68		1,05,84,886.35		1,05,84,886.35	
				Grand Total	9,88,13,341.03		9,87,92,272.56		9,87,92,272.56	
	Amount in Words				Rupees Nine Crore Eighty Seven Lakh Ninety Two Thousand Eight Hundred Eighty Nine and Paise Ninety Six Only					

TEJUS CONSULTANTS

Tejus Consultant

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Executive Engineer